SBRM = 112/13-14

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

No. ***First & Final*** (For Other Works) Date...../...../2014

Division: **BBMP, Byatarayanapura** Sub-Division: **BBMP, Byatarayanapura**

Bill Received No. 232 Dated 31/7/14 Divisional 31/7/14 Sub Divisional Cash Book Voucher No..... Dated.....

Work Code: **005-14-000013**

Schedule Docket No. Head of Account: Est.Cost: **5.00 Lakhs** D.R.No. :

Name of Work (as per sanctioned estimate): **Providing Shedder in Ward No 05 Byatarayanapura Sub Division**

Name of Contractor and Full Address : *Sri N Sathish, No. 15/2, Hosahalli Main Road, Padarayanapura, Bangalore-26*

Reference to Agreement No. **EE/BTP/BBMP/E-PMT/485/2013-14** Date: **21.02.2014**

Certified that the measurements were taken by me on 31/7/14 and recorded of Pages 190821 to 839 of measurement Book No. 1909 and that the work is satisfactorily executed.

Contractor Satish. N **Officer-in-charge of work**

Certified that the measurement were taken by me on 31/7/14 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	1st & Final Bill 239826=00
2)	Deduct amount to be held in reserve being .....percent Rs.....	IT 2398=00
3)	" Balance	VAT 9593=00
4)	Deduct Payment:	
a)	Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of	FS2 11991=00
b)	Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	Cur 2398=00
		CBT 240=00
		Roy 2786=00
		Fine 300=00
5)	Balance being unpaid value of work done held in reserve.	Total ded 29706=00
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7)	Net amount due to or from Contractor unadjustments items.	
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	By Cheque 210120=00
	Total amount adjusted -	

Satish. N
Contractor's Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

(For use in the Office)

Witness

1.

2.

Stamp

Satish. N

239826=00

29706=00

210120=00

Finish for records

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Executive Engineer

15/3

Sl. No.	Descriptions	Unit
1	KSRB 2-2.1 : earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5,	cum
2	KSRB-4-1.2 : Providing and laying in position plain cement concrete of mix M10 withOPC cement at 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS	cum
3	KSRB 5.2.3 Providing and constructing granite / trap / basalt rubble stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 25/ Item No. 5.6/ PWD SR 2013-14	cum
4	KSRB 5.3-2 Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No. 26/ Item No. 5.9/ PWD SR 2013-14	cum
5	KSRB 15.1.1: Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 122/ Item No. 15.1 / PWD SR 2013-14	cum
6	KSRB-4-1.6 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2/ P.No. 12/ Item No. 4.6/ PWD SR 2013-14	cum
7	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications, specification. No. KBS 2.9, No. 6/ Item No. 2.10/ PWD SR 2013-14	cum
8	KSRB 6-2.4 Providing and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation 50 (table moulded) with cement mortar 1:4 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2, Page No. 30/ Item No. 6.7/ PWD SR 2013-14	cum
9	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Page No. 19/ Item No. 4.46/ PWD SR 2013-14	qtl
10	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 16/ Item No. 4.29/ PWD SR 2013-14	Sqm
11	KSRB 15.3.1 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever reuired smooth rendering, : Providing and removing scaffolding, including cost of materials, labour. Curing complete as per specifications. Page No. 119/ Item No. 15.9/ PWD SR 2013-14 KSRB 15.3.2:-do- cement mortar 1:4 . Page No. 119/ Item No. 15.10/ PWD SR 2013-14	Sqm
12	KSRB: 7.3 Providing and fixing 1mm thick M.S. sheet garage door with frame and diagonal braces of size 40x40x6 mm angle Iron 3.15mm thick M.S. Gusset plates at junctions and corners, with handles, stoppers and locking arrangements etc., including applying a priming cost of red lead paint cost of materials, labour, HOM of machinery complete as per specifications. double leaf door of size 2.4mx2.4m Size Specification NO, KBS 7.8 / 7.12 Page No. 36/ Item No. 7.3/ PWD SR 2013-14	Sqm
13	KSRB 7.8 : Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of 25x33x3mm, weighing 1.419Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm weighing 2.28Kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows not more than 34 cms. c to c including providing and fixing 4mm thick reeded glass with teakwood beading of required size, all steel section should confirm to I.S. 7452:1990, 4nos, of holdfasts of approved size section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be thoroughly cleaned free of rust and painted with one coat of anti-corosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Page No. 37/ Item No. 7.8/ PWD SR 2013-14	sqm

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	16.20	147.44	2389.00	16.20	2389.00	
-	-	3.44	4369.70	15032.00	3.44	15032.00	
-	-	5.76	3449.38	19868.00	5.76	19868.00	
-	-	3.24	4107.35	13308.00	3.24	13308.00	
-	-	7.92	77.66	615.00	7.92	615.00	
-	-	4.79	4643.60	22243.00	4.79	22243.00	
-	-	7.30	98.64	720.00	7.30	720.00	
-	-	9.70	5857.75	56820.00	9.70	56820.00	
-	-	3.12	7171.60	22375.00	3.12	22375.00	
-	-	16.90	281.24	4753.00	16.90	4753.00	
-	-	95.40	137.47	13115.00	95.40	13115.00	
-	-	9.84 G.47	2717.95	26745.00 17612=~	9.84	26745.00 17612=~	
-	-	4.32	3027.52	13079.00	4.32	13079.00	

14	KSRB 7.9 : Providing and fixing M.S. grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12 Page No. 37/ Item No. 7.9/ PWD SR 2013-14	Kgs
15	Providing and fixing ridges, hipe with tetra pack sheet roofing with GI J or L hooks bolts and nuts 8mm dia GI plain and bitumen washers serrated of plain wings adjustable ridges including cost of materials labour complete as per specifications.	sqm
16	Fabricating supplying and erecting M.S. TubulerTruss of span upto 10m bottom and top member is provided with 50x50x6mm double equale angles, welded back to back and in between top and bottom line, in ereas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided all the members are weldeded togeher with 6mm gusset plate as per drawing, Nos CBS/SD/K- mantap/9/MND/97. The enter truss is anchored in RCC column buy using 4Nos of M.S anchor bolts at eacth support, with 10mm thick base plate and shoe plate. The work includes cutting, straightening , pacing in position of M.S angle and welding wherever necessary, and applying one of red oxide primer coat to all the members including cost of all materials, labour charges,and higher charges of mechineries for cutting welding, granding and erection equipments, etc, complete as per specification. Page No. 46/ I No. 7.30/ PWD SR 2013-14	Kgs
17	KSRB 15.10.1 : Providing white washing to new wall surface in two coats with lime of approved quality, to give an even shade including cost materials, labour, for fixing complete as per specifications. Page No. 121/ Item No. 15.38/ PWD SR 2013-14	sqm
18	Supplying and wiring adopting loop system in exisiting PVC conduit/casing caping using copper PVC insulated multi standard 2x1.5sqm copper wire with the 6 amps flush type SP control switch shall be fixied on the exisiting plastic sheet / gang box, the other end	P/Mtr
19	Supplying 6A flush / Protected type socket and a 6 amps flush / projected type SP switch either surface mounting in a exisiting gang box or in a 4mm thick plastic sheet and fixing over a fllush mounted wooden box and wiring using necessary capacity wires	Each
20	Supply and fixing of bakelite D.P/Socket/switchwith /without neon indicator over exiting wood board or flush mounting in plastic plates / niches-I using Group A Material.	Each
21	Supplying 4 mm thick plastic sheet with necessry nitches for fixing switches regulators etc.., and fixing on exisiting wooden pr metal box using N.F.screws	P/sq m
22	POINT WIRING USING COPPER WIRE WITH SWITCH Supplying ad wiring adopting loop system in existing PVC conduit / casing caping using copper PVC insulated multi strand 2x1.5 sq.mm copper wire with a 6 Amps flush on the exisiting II. Point wire using class B Material. a) Short point upto 3mtr from tapping point to our let via switch	Each
23	b) Medium point above 3mtrs upto 6 mtr from tapping point to cut let via switch.	Each
24	c) Long point above 6 mtrs to 10 mtrs from tapping point to out let via switch.	Each
25	Wiring for lighting / power circuit using one of PVC indulated 1100 v grade, multi and copper conductor single core cable in open or concealed system of wiring : I Group - A Materials d) 4 sqmm	P/Mtr
26	f) 10 sqmm	P/Mtr
27	Supplying heavy guage PVC conduit pipe.., Dia confirming to IS 2509 with suitable size bends, jnction boxes, adhesive paste etc.., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls. a) 19/20m dia 2mm thick	P/Mtr
28	b) 25mm dia 2mm thick	P/Mtr
29	Supplying and fixing sheet metal box made out of 18 SWG sheet with necessary holes for cable / conduict entry as required with one coat of primer of approved make etc. (P.02) (Sl.No-04)(ch-01) 100x75x65mm	Each
30	d) 180x90x65mm	Each
31	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting necessary masonry patch work complete(Ch-01) (P.03) (Sl.No-06) a) 12x"12x"3(300x300x76mm)	Each
32	c) 10"x7"3"(254x178x76mm)	Each
33	Supplying patty type flourscent tube light fitting of 4'-36/40 watts fluorecsent tube fitting,, made out of M.S Sheet and stove enameled with low loss open construction copper wound ferrmagnetstic ballast, starter, locking type brass contact holders mounted on double fold type sheet base fully wires for use on 230 vo;lts A C supply inluding I No 4'- 36/40 watts fluorescent tube.- Groub-b II.2x4'36/40 Watts a) Group A	Each
34	Wiring for lighting / power circuit using one of PVC indulated 1100 v grade, multi and copper conductor single core cable in open or concealed system of wiring : I Group - A Materials c) 2.5 sqmm	P/mtr
35	Supplying and fixing HRC fuse link on exisiting switch fuse base ec) 125 amps	Each
36	Supplying and fixing minitrature circuit breakers on existing MCB distribuution boards using necessary fixing materils and wiring complete as required - A) 5-32 amps S.P(1) Group A	Each
37	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25 mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class b,50 mm	P/mtr
38	Supplying and fixing angles iron frame work fabricated out of M.S.angle iron.., and M.S.flat.., with washers etc., and painted with two coats of red oxide and then two coats of approved paint a) 40x40x6 mm	P/mtr
39	Fixing all type and all capacities fluorescent / false ceiling/spot light/CFL indoor on the walls / ceilin g / rates/girders uising 23/0.0076" twins twisted PVC insulted wires, required nos of round blcoks and clamps (if requied) a) On wall/ceiling	Each
	Net Total	

CERTIFICATE

1 Certified that the above work done satisfactory and no materials issued from departmentally.

-	-	100.80	94.45	9521.00	100.80	9521.00	
-	-	30.00	369.00	11070.00	30.00	11070.00	
-	-	335.00	123.83	41483.00	335.00	41483.00	
-	-	335.00	6.30	2111.00	335.00	2111.00	
-	-	1.00	217.80	218.00	1.00	218.00	
-	-	1.00	89.10	89.00	1.00	89.00	
-	-	1.00	94.05	94.00	1.00	94.00	
-	-	1800.00	0.20	360.00	1800.00	360.00	
-	-	1.00	138.60	139.00	1.00	139.00	
-	-	1.00	217.80	218.00	1.00	218.00	
-	-	1.00	321.75	322.00	1.00	322.00	
-	-	10.00	29.70	297.00	10.00	297.00	
-	-	5.00	84.15	421.00	5.00	421.00	
-	-	10.00	31.68	317.00	10.00	317.00	
-	-	5.00	42.57	213.00	5.00	213.00	
-	-	1.00	71.28	71.00	1.00	71.00	
-	-	1.00	111.87	112.00	1.00	112.00	
-	-	1.00	89.10	89.00	1.00	89.00	
-	-	1.00	59.40	59.00	1.00	59.00	
-	-	1.00	940.50	941.00	1.00	941.00	
-	-	5.00	20.79	104.00	5.00	104.00	
-	-	1.00	415.80	416.00	1.00	416.00	
-	-	1.00	534.60	535.00	1.00	535.00	
-	-	1.00	257.40	257.00	1.00	257.00	
-	-	1.00	207.90	208.00	1.00	208.00	
-	-	1.00	84.15	84.00	1.00	84.00	
				280811.00		280811.00	

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಸಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore